



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 5

Test Date: March 2009
Code: 11201859
SAU: Old Town School Department
School: Old Town Elementary School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores	2
Summary of Student Participation	3
English Language Arts – Reading Results	4-6
Mathematics Results	7-9
Science Results	10-12

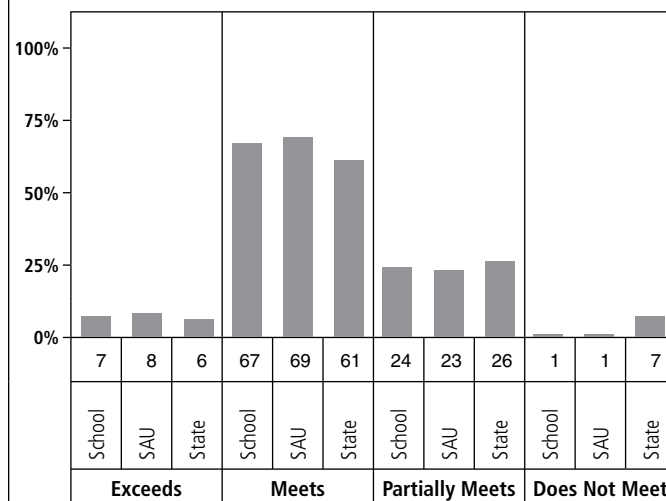
SUMMARY OF SCORES

Test Date: March 2009
Grade: 5
SAU: Old Town School Department
School: Old Town Elementary School

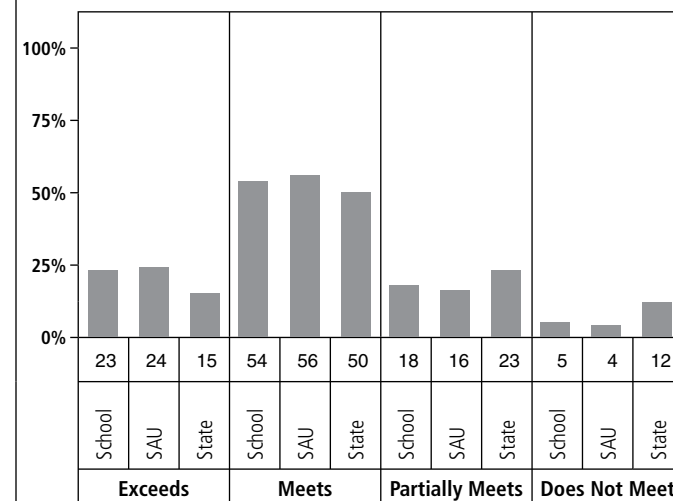
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	543	545	544
2007–2008	543	543	545
2008–2009	548	548	546
Cum. Avg.*	545	546	545
Mathematics			
2006–2007	549	551	546
2007–2008	548	548	546
2008–2009	551	552	547
Cum. Avg.*	550	551	546
Science			
2008–2009 **	545	545	543

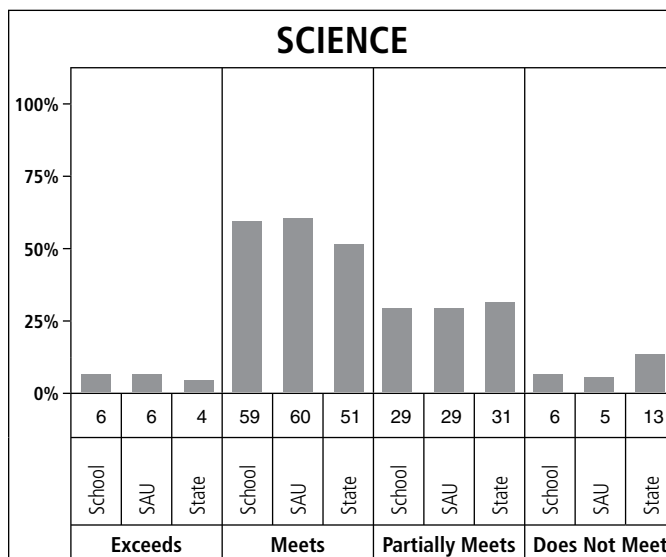
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

**Because science testing moved from grade 4 to grade 5 in March 2009, science standards were reset and therefore no historical data are available.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
 Grade: 5
 SAU: Old Town School Department
 School: Old Town Elementary School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	85	100	81	100	14212	100	83	98	80	99	14135	100	83	98	80	99	14144	100	83	98	80	99	14137	100
Ethnicity African American/Black	2	2	2	2	397	3	2	100	2	100	388	98	2	100	2	100	393	99	2	100	2	100	389	98
American Indian or Native Alaskan	2	2	2	2	110	1	2	100	2	100	110	100	2	100	2	100	110	100	2	100	2	100	110	100
Asian or Pacific Islander	1	1	1	1	259	2	1	100	1	100	253	98	1	100	1	100	258	100	1	100	1	100	257	99
Hispanic	0	0	0	0	175	1	0	0	0	0	172	99	0	0	0	0	172	99	0	0	0	0	173	99
Caucasian/White	80	94	76	94	13271	93	78	98	75	99	13212	100	78	98	75	99	13211	100	78	98	75	99	13208	100
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	10	12	10	12	2479	17	10	100	10	100	2454	100	10	100	10	100	2455	100	10	100	10	100	2451	99
Current LEP	1	1	1	1	374	3	1	100	1	100	359	96	1	100	1	100	370	99	1	100	1	100	366	98
Economically disadvantaged	32	38	30	37	5848	41	32	100	30	100	5815	100	32	100	30	100	5819	100	32	100	30	100	5812	100
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100	0	0	0	0	8	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	53	62	52	64	10849	76	53	62	52	64	10872	76	53	62	52	64	10976	77
Identified disability (PET/IEP)	1	2	1	2	298	3	1	2	1	2	307	3	1	2	1	2	338	3
LEP	0	0	0	0	170	2	0	0	0	0	169	2	0	0	0	0	177	2
504 plan	0	0	0	0	123	1	0	0	0	0	121	1	0	0	0	0	126	1
Participation with accommodations	30	35	28	35	3122	22	30	35	28	35	3124	22	30	35	28	35	3019	21
Identified disability (PET/IEP)	9	30	9	32	1992	64	9	30	9	32	2000	64	9	30	9	32	1971	65
LEP	1	3	1	4	184	6	1	3	1	4	196	6	1	3	1	4	184	6
504 plan	0	0	0	0	84	3	0	0	0	0	86	3	0	0	0	0	81	3
Other	20	67	18	64	907	29	20	67	18	64	886	28	20	67	18	64	826	27
Participation through alternate assessment (PAAP)	0	0	0	0	164	1	0	0	0	0	148	1	0	0	0	0	142	1
Identified disability (PET/IEP)	0	0	0	0	164	100	0	0	0	0	148	100	0	0	0	0	142	100
LEP	0	0	0	0	5	3	0	0	0	0	5	3	0	0	0	0	5	4
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	19	0	0	0	0	0	19	0	0	0	0	0	20	0
Non-participation – other	2	2	1	1	58	0	2	2	1	1	49	0	2	2	1	1	55	0

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 5
SAU: Old Town School Department
School: Old Town Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 562–580)	2006-2007	4	5	4	5	702	5
	2007-2008	2	4	2	4	659	5
	2008-2009	6	7	6	8	836	6
	Cum. Total*	12	6	12	6	2197	5
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 542–560)	2006-2007	36	45	34	47	7730	55
	2007-2008	25	49	23	48	8195	58
	2008-2009	56	67	55	69	8495	61
	Cum. Total*	117	55	112	56	24420	58
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 532–540)	2006-2007	30	38	30	41	4182	30
	2007-2008	17	33	16	33	3800	27
	2008-2009	20	24	18	23	3667	26
	Cum. Total*	67	31	64	32	11649	28
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 500–530)	2006-2007	10	13	5	7	1419	10
	2007-2008	7	14	7	15	1362	10
	2008-2009	1	1	1	1	973	7
	Cum. Total*	18	8	13	6	3754	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	32.2	67.1	32.5	67.7	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	24	50	15.6	65.0	15.8	65.8	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	24	50	16.6	69.2	16.7	69.6	15.8	65.8

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: Old Town School Department
 School: Old Town Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	83	6	7	56	67	20	24	1	1	548	80	8	69	23	1	548	13971	6	61	26	7	546
Ethnicity																						
African American/Black	2										2						381	2	44	31	23	540
American Indian or Native Alaskan	2										2						110	0	48	38	14	541
Asian or Pacific Islander	1										1						252	11	58	21	11	547
Hispanic	0										0						166	4	54	32	10	543
Caucasian/White	78	6	8	52	67	19	24	1	1	548	75	8	68	23	1	548	13062	6	62	26	6	546
Not Reported	0										0						0					
Identified disability																						
Yes	10	0	0	3	30	7	70	0	0	540	10	0	30	70	0	540	2290	0	29	47	23	537
No	73	6	8	53	73	13	18	1	1	549	70	9	74	16	1	549	11681	7	67	22	4	548
Current LEP																						
Yes	1										1						354	1	35	34	30	538
No	82	6	7	56	68	19	23	1	1	548	79	8	70	22	1	548	13617	6	61	26	6	546
Economically disadvantaged																						
Yes	32	2	6	17	53	13	41	0	0	544	30	7	57	37	0	545	5716	2	51	35	12	542
No	51	4	8	39	76	7	14	1	2	550	50	8	76	14	2	550	8255	9	67	20	4	548
Migrant																						
Yes	0										0						8	0	38	25	38	538
No	83	6	7	56	67	20	24	1	1	548	80	8	69	23	1	548	13963	6	61	26	7	546
Gender																						
Female	35	4	11	25	71	5	14	1	3	550	34	12	71	15	3	550	6882	8	62	24	6	547
Male	48	2	4	31	65	15	31	0	0	546	46	4	67	28	0	547	7089	4	60	28	8	545
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	12	0	0	10	83	2	17	0	0	546	10	0	90	10	0	547	1914	1	41	44	14	540
No	71	6	8	46	65	18	25	1	1	548	70	9	66	24	1	548	12057	7	64	23	6	547
Gifted/talented program																						
Yes	1										1						450	26	72	2	0	557
No	82	6	7	55	67	20	24	1	1	548	79	8	68	23	1	548	13521	5	60	27	7	545

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: Old Town School Department
School: Old Town Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	0										0						4	2	40	34	24	540
B. less than one hour	76	6	10	42	67	15	24	0	0	549	76	10	67	23	0	549	70	6	63	26	6	546
C. one to two hours	23	0	0	14	74	5	26	0	0	545	23	0	78	22	0	546	24	7	61	26	6	546
D. more than two hours	1	0	0	0	0	0	0	1	100	524	1	0	0	0	100	524	2	4	42	33	21	541
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	35	5	17	20	69	3	10	1	3	552	37	17	69	10	3	552	36	10	67	18	5	549
B. good	41	1	3	24	71	9	26	0	0	547	42	3	70	27	0	547	47	5	62	27	6	546
C. fair	23	0	0	11	58	8	42	0	0	542	22	0	65	35	0	543	15	2	47	40	12	541
D. poor	0										0						2	0	30	46	24	537
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	35	1	3	22	76	5	17	1	3	548	34	4	78	15	4	548	31	9	65	20	5	548
B. They match some of what I have learned.	60	5	10	32	65	12	24	0	0	548	61	10	67	23	0	548	55	5	63	27	5	546
C. They match just a little of what I have learned.	5	0	0	1	25	3	75	0	0	540	5	0	25	75	0	540	10	3	45	38	14	542
D. There is no match.	0										0						3	1	31	41	27	537
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	15	1	8	8	67	3	25	0	0	547	15	8	67	25	0	547	16	3	49	32	15	542
B. about the same as my regular schoolwork	65	3	6	38	72	12	23	0	0	548	65	6	73	22	0	548	64	7	63	25	5	547
C. easier than my regular schoolwork	21	2	12	9	53	5	29	1	6	547	20	13	56	25	6	548	20	5	62	26	7	546
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	8	0	0	3	43	4	57	0	0	541	9	0	43	57	0	541	10	1	33	42	24	538
B. Most of the passages were about the same as what I normally read.	49	3	7	26	63	12	29	0	0	547	49	8	64	28	0	547	52	4	61	29	6	545
C. Most of the passages were easier than what I normally read.	42	3	9	27	77	4	11	1	3	550	43	9	79	9	3	550	38	10	68	18	4	549
How much time do you spend reading at home each day?																						
A. more than one hour	22	3	17	10	56	5	28	0	0	550	23	17	56	28	0	550	20	10	64	21	5	548
B. 20 minutes to an hour	54	2	4	35	78	8	18	0	0	548	56	4	78	18	0	548	56	7	65	24	5	547
C. less than 20 minutes	11	0	0	6	67	3	33	0	0	546	11	0	67	33	0	546	10	3	52	33	12	543
D. I rarely read at home.	13	1	9	5	45	4	36	1	9	542	10	13	50	25	13	543	14	1	46	38	14	541
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	21	1	6	12	71	4	24	0	0	547	22	6	71	24	0	547	25	3	53	33	11	543
B. six to ten pages	17	0	0	10	71	4	29	0	0	545	15	0	75	25	0	546	26	6	61	26	7	546
C. eleven or more pages	62	5	10	33	65	12	24	1	2	549	63	10	66	22	2	549	49	8	65	23	5	547
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 5
SAU: Old Town School Department
School: Old Town Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 562–580)	2006-2007	16	20	16	22	1711	12
	2007-2008	6	12	5	10	1617	12
	2008-2009	19	23	19	24	2119	15
	Cum. Total*	41	19	40	20	5447	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 542–560)	2006-2007	40	51	38	53	6778	48
	2007-2008	32	63	31	65	7284	52
	2008-2009	45	54	45	56	7046	50
	Cum. Total*	117	55	114	57	21108	50
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 530–540)	2006-2007	14	18	14	19	3884	28
	2007-2008	6	12	6	13	3341	24
	2008-2009	15	18	13	16	3193	23
	Cum. Total*	35	16	33	17	10418	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 500–528)	2006-2007	9	11	4	6	1683	12
	2007-2008	7	14	6	13	1778	13
	2008-2009	4	5	3	4	1638	12
	Cum. Total*	20	9	13	7	5099	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	48	100	28.2	58.8	28.7	59.8	25.5	53.1
A. Number	18	38	11.0	61.1	11.2	62.2	9.8	54.4
B. Data	10	21	5.8	58.0	5.8	58.0	5.2	52.0
C. Geometry	10	21	5.4	54.0	5.5	55.0	4.7	47.0
D. Algebra	10	21	6.1	61.0	6.2	62.0	5.7	57.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: Old Town School Department
 School: Old Town Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	83	19	23	45	54	15	18	4	5	551	80	24	56	16	4	552	13996	15	50	23	12	547
Ethnicity																						
African American/Black	2										2						385	6	35	28	30	537
American Indian or Native Alaskan	2										2						110	5	42	34	20	540
Asian or Pacific Islander	1										1						257	19	50	20	12	548
Hispanic	0										0						166	9	43	31	17	543
Caucasian/White	78	18	23	42	54	14	18	4	5	551	75	24	56	16	4	552	13078	15	51	23	11	547
Not Reported	0										0						0					
Identified disability																						
Yes	10	0	0	4	40	6	60	0	0	542	10	0	40	60	0	542	2307	3	32	32	33	536
No	73	19	26	41	56	9	12	4	5	553	70	27	59	10	4	554	11689	17	54	21	8	549
Current LEP																						
Yes	1										1						365	5	33	30	32	536
No	82	19	23	45	55	14	17	4	5	552	79	24	57	15	4	552	13631	15	51	23	11	547
Economically disadvantaged																						
Yes	32	5	16	16	50	8	25	3	9	548	30	17	53	23	7	549	5731	7	46	29	18	542
No	51	14	27	29	57	7	14	1	2	554	50	28	58	12	2	554	8265	21	53	19	7	550
Migrant																						
Yes	0										0						8	0	38	50	13	540
No	83	19	23	45	54	15	18	4	5	551	80	24	56	16	4	552	13988	15	50	23	12	547
Gender																						
Female	35	7	20	18	51	8	23	2	6	550	34	21	53	21	6	551	6889	14	51	23	12	546
Male	48	12	25	27	56	7	15	2	4	552	46	26	59	13	2	553	7107	16	50	23	11	547
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	12	0	0	6	50	4	33	2	17	542	10	0	60	30	10	544	1918	3	39	36	22	539
No	71	19	27	39	55	11	15	2	3	553	70	27	56	14	3	553	12078	17	52	21	10	548
Gifted/talented program																						
Yes	1										1						450	64	34	2	0	564
No	82	18	22	45	55	15	18	4	5	551	79	23	57	16	4	552	13546	14	51	23	12	546

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 5
 SAU: Old Town School Department
 School: Old Town Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	0										0						4	8	38	26	28	539
B. less than one hour	76	14	22	36	57	12	19	1	2	552	76	23	59	16	2	553	70	15	52	23	10	547
C. one to two hours	23	5	26	9	47	3	16	2	11	550	23	28	50	17	6	552	24	15	51	23	11	547
D. more than two hours	1	0	0	0	0	0	0	1	100	502	1	0	0	0	100	502	2	9	37	24	30	539
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	34	14	50	12	43	2	7	0	0	562	35	50	43	7	0	562	34	28	50	14	8	552
B. good	47	5	13	22	56	10	26	2	5	548	45	14	61	22	3	550	45	11	54	24	10	546
C. fair	16	0	0	9	69	3	23	1	8	543	16	0	69	23	8	543	18	3	45	33	19	540
D. poor	4	0	0	2	67	0	0	1	33	532	4	0	67	0	33	532	3	1	29	41	29	535
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	42	13	37	17	49	5	14	0	0	556	41	39	52	9	0	558	38	22	52	19	7	550
B. They match some of what I have learned.	47	5	13	24	62	9	23	1	3	549	49	13	62	23	3	549	48	12	53	24	11	546
C. They match just a little of what I have learned.	11	1	11	4	44	1	11	3	33	539	10	13	50	13	25	542	11	6	40	30	24	540
D. There is no match.	0										0						3	6	26	29	38	534
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	6	1	20	4	80	0	0	0	0	552	6	20	80	0	0	552	17	7	42	30	21	540
B. about the same as my regular schoolwork	80	13	20	35	54	15	23	2	3	551	79	21	56	21	2	551	64	15	53	23	10	547
C. easier than my regular schoolwork	14	5	45	4	36	0	0	2	18	555	14	45	36	0	18	555	19	24	49	17	10	550
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	2	0	0	1	50	1	50	0	0	538	1	0	100	0	0	542	7	6	39	27	27	539
B. 30–45 minutes	22	5	28	9	50	3	17	1	6	551	21	29	53	18	0	552	28	9	49	28	15	544
C. 45–60 minutes	37	8	26	14	45	7	23	2	6	551	38	27	47	20	7	552	41	17	53	21	9	548
D. more than 60 minutes	39	6	19	21	66	4	13	1	3	552	40	19	66	13	3	552	24	21	51	20	8	549
How often do you use calculators in mathematics class?																						
A. almost every day	19	2	13	8	50	5	31	1	6	545	19	13	53	27	7	545	6	14	43	24	20	543
B. two or three days a week	37	7	23	18	58	4	13	2	6	552	38	23	60	13	3	553	24	17	52	21	10	548
C. two or three times each month	25	5	24	11	52	5	24	0	0	554	25	25	55	20	0	555	33	17	52	21	9	548
D. never or almost never	18	5	33	8	53	1	7	1	7	553	19	33	53	7	7	553	38	12	49	25	14	545
How often do you use hands-on materials in mathematics class?																						
A. almost every day	29	3	13	13	54	8	33	0	0	547	30	13	54	33	0	547	23	13	47	26	15	545
B. two or three days a week	39	8	25	19	59	3	9	2	6	554	38	27	63	7	3	556	31	17	52	21	10	548
C. two or three times each month	22	6	33	9	50	3	17	0	0	554	23	33	50	17	0	554	27	17	52	21	10	548
D. never or almost never	11	2	22	4	44	1	11	2	22	546	10	25	50	0	25	547	20	12	50	24	14	545
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

SCIENCE RESULTS

Test Date: March 2009
Grade: 5
SAU: Old Town School Department
School: Old Town Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 562–580)	2008-2009*	5	6	5	6	626	4
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 542–560)	2008-2009*	49	59	48	60	7187	51
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 532–540)	2008-2009*	24	29	23	29	4364	31
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 500–530)	2008-2009*	5	6	4	5	1818	13

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	48	100	30.2	62.9	30.5	63.5	29.2	60.8
D. The Physical Setting	24	50	13.3	55.4	13.4	55.8	12.9	53.8
E. The Living Environment	24	50	17.0	70.8	17.1	71.3	16.3	67.9

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: Old Town School Department
 School: Old Town Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	83	5	6	49	59	24	29	5	6	545	80	6	60	29	5	545	13995	4	51	31	13	543
Ethnicity																						
African American/Black	2										2						382	2	31	32	35	535
American Indian or Native Alaskan	2										2						110	3	36	35	26	538
Asian or Pacific Islander	1										1						256	5	51	27	17	542
Hispanic	0										0						167	1	40	37	22	539
Caucasian/White	78	4	5	46	59	23	29	5	6	545	75	5	60	29	5	545	13080	5	52	31	12	544
Not Reported	0										0						0					
Identified disability																						
Yes	10	0	0	3	30	6	60	1	10	537	10	0	30	60	10	537	2309	2	29	39	29	536
No	73	5	7	46	63	18	25	4	5	546	70	7	64	24	4	546	11686	5	56	30	10	545
Current LEP																						
Yes	1										1						361	1	23	32	44	533
No	82	5	6	49	60	23	28	5	6	545	79	6	61	28	5	545	13634	5	52	31	12	544
Economically disadvantaged																						
Yes	32	0	0	17	53	14	44	1	3	542	30	0	57	43	0	543	5729	2	42	37	20	539
No	51	5	10	32	63	10	20	4	8	547	50	10	62	20	8	546	8266	6	58	27	8	546
Migrant																						
Yes	0										0						8	0	25	13	63	530
No	83	5	6	49	59	24	29	5	6	545	80	6	60	29	5	545	13987	4	51	31	13	543
Gender																						
Female	35	1	3	23	66	9	26	2	6	546	34	3	65	26	6	546	6886	4	49	33	14	542
Male	48	4	8	26	54	15	31	3	6	544	46	9	57	30	4	545	7109	5	54	29	12	544
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	12	0	0	6	50	5	42	1	8	542	10	0	50	50	0	543	1917	1	31	41	28	536
No	71	5	7	43	61	19	27	4	6	545	70	7	61	26	6	546	12078	5	55	30	11	544
Gifted/talented program																						
Yes	1										1						450	25	72	2	1	557
No	82	5	6	48	59	24	29	5	6	545	79	6	59	29	5	545	13545	4	51	32	13	543

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 5
 SAU: Old Town School Department
 School: Old Town Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	0										0						4	2	37	35	25	538
B. less than one hour	76	4	6	39	62	19	30	1	2	546	76	7	62	30	2	546	70	4	53	31	12	544
C. one to two hours	23	1	5	10	53	5	26	3	16	543	23	6	56	28	11	545	24	5	51	31	12	544
D. more than two hours	1	0	0	0	0	0	0	1	100	514	1	0	0	0	100	514	2	4	39	31	26	539
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	33	3	11	18	67	4	15	2	7	548	33	12	69	12	8	548	26	7	56	26	11	545
B. good	51	2	5	26	62	12	29	2	5	545	51	5	61	29	5	545	53	4	53	31	11	544
C. fair	16	0	0	5	38	7	54	1	8	538	15	0	42	58	0	540	18	2	41	39	17	540
D. poor	1	0	0	0	0	1	100	0	0	538	1	0	0	100	0	538	3	1	33	36	30	536
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	37	2	6	20	65	7	23	2	6	545	36	7	66	21	7	545	23	5	56	28	11	544
B. They match some of what I have learned.	45	0	0	21	57	15	41	1	3	544	46	0	57	41	3	544	48	5	52	31	12	544
C. They match just a little of what I have learned.	16	3	23	7	54	2	15	1	8	550	16	23	54	15	8	550	23	4	49	33	14	543
D. There is no match.	2	0	0	1	50	0	0	1	50	530	1	0	100	0	0	542	6	3	40	34	23	539
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	18	1	7	9	60	4	27	1	7	546	19	7	60	27	7	546	23	5	48	31	16	543
B. about the same as my regular schoolwork	66	2	4	34	62	15	27	4	7	545	66	4	62	28	6	545	58	4	52	32	12	543
C. easier than my regular schoolwork	16	2	15	6	46	5	38	0	0	545	15	17	50	33	0	546	19	6	53	29	11	544
How often do you have science classes?																						
A. every day	71	5	8	35	59	16	27	3	5	545	71	9	60	26	5	546	33	5	51	31	14	543
B. a few times a week	23	0	0	11	58	6	32	2	11	543	23	0	61	33	6	545	45	4	52	32	11	544
C. once a week	2	0	0	1	50	1	50	0	0	541	3	0	50	50	0	541	8	4	50	30	16	542
D. a few times a month	4	0	0	2	67	1	33	0	0	547	4	0	67	33	0	547	15	4	52	30	14	543
Which statement best describes how you learn science?																						
A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments.	19	1	6	9	56	4	25	2	13	544	20	6	56	25	13	544	30	3	48	35	14	542
B. I work in groups to design and conduct experiments.	36	3	10	15	50	10	33	2	7	544	35	11	50	32	7	544	23	2	43	37	18	540
C. I do a combination of A and B, mostly A.	18	0	0	11	73	4	27	0	0	545	19	0	73	27	0	545	27	6	58	26	9	546
D. I do a combination of A and B, mostly B.	27	1	5	14	64	6	27	1	5	547	26	5	67	29	0	548	21	6	58	27	10	545
How often do you make observations and collect data in science class?																						
A. a few times a week	67	5	9	32	57	17	30	2	4	547	69	9	56	31	4	546	47	4	51	32	12	543
B. a few times a month	24	0	0	13	65	5	25	2	10	542	23	0	72	22	6	544	27	5	54	30	11	544
C. once a month	5	0	0	3	75	1	25	0	0	545	5	0	75	25	0	545	10	5	49	30	15	543
D. never or almost never	4	0	0	1	33	1	33	1	33	532	4	0	33	33	33	532	15	3	48	32	16	542
How often do you use observations and data to support your idea about science?																						
A. a few times a week	72	5	8	33	56	17	29	4	7	545	72	9	58	28	5	546	46	4	52	32	12	543
B. a few times a month	22	0	0	13	72	4	22	1	6	544	22	0	71	24	6	544	28	5	53	30	12	544
C. once a month	4	0	0	1	33	2	67	0	0	545	4	0	33	67	0	545	11	4	47	34	15	542
D. never or almost never	2	0	0	1	50	1	50	0	0	539	3	0	50	50	0	539	15	4	50	30	16	542
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
 N = Number